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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Georgios B. Giannakis; Confirmation No. 9359  
Shengli Zhou  
Serial No.: 10/770,116  
Filed: February 2, 2004 Customer No.: 28863  
Examiner: Unknown  
Group Art Unit: 2681  
Docket No.: 1008-022US01  
Title: ADAPTIVE MODULATION FOR MULTI-ANTENNA TRANSMISSIONS  
WITH PARTIAL CHANNEL KNOWLEDGE

CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being deposited with the United States Post Service, as First Class Mail, in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on

February 23, 2006.

By: Beth M. Lindblom  
Name: Beth M. Lindblom

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendments  
Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

Applicant submits the references listed on the attached form PTO-1449. This statement is being filed, to the best of Applicant's knowledge, before the receipt of a first Office Action on the merits.

Applicant has enclosed a copy of each article cited.

Respectfully submitted,

Date: February 23, 2006

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<b>Form 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)		Docket Number: 1008-022US01		Application Number: 10/770,116	
		Applicant: Georgios B. Giannakis; Shengli Zhou			
		Filing Date: February 2, 2004		Group Art Unit: 2681	
		Examiner Name: Unknown			
<b>U.S. PATENT DOCUMENTS</b>					
<b>Examiner Initial</b>	<b>Document Number</b>	<b>Issue/Document Publication Date</b>	<b>Name</b>	<b>Filing Date If Appropriate</b>	
<b>FOREIGN PATENT DOCUMENTS</b>					
<b>Examiner Initial</b>	<b>Document Number</b>	<b>Publication Date</b>	<b>Country</b>	<b>Translation</b>	
				<b>Yes</b>	<b>No</b>
<b>OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication)</b>					
	L. Wei et al., "Space-Time-Frequency Block Coding Over Rayleigh Fading Channels For OFDM Systems," Proceedings of the International Conference on Communication Technology, ICCT 2003, Vol. 2, pp. 1008-1012, April 2003.				
<b>EXAMINER</b>			<b>Date Considered</b>		

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820  
(Also form PTO-1449)

Patent and Trademark Office, U.S. Department of Commerce